Portion A remains in the original monitor space and which Portion B now appears in the new monitor space.

At step **118**, Portion A is displayed on the original monitor using a BitBlt operation and at step **1220** Portion B is displayed on the new monitor by repainting that portion from scratch. In this manner, USER ensures that portions of windows will be displayed using the proper color characteristics for the respective monitors on which they appear.

Other embodiments are within the scope of the following claims.

What is claimed and desired to be secured by United States Letters Patent is:

1. In a computer having multiple monitors, each being associated with a monitor space, the computer further having a display engine for processing data for display in the monitor spaces and a frame buffer for storing data representing a display image, a method of displaying a image in more than one of the monitor spaces, while compensating for any differences in color characteristics between the multiple monitors, comprising the steps of:

determining that an image displayed entirely within a first monitor space is to be moved or resized so that a first portion of the image is to remain in the first monitor space and a second portion of the image is to be displayed in a second monitor space, wherein the step of determining comprises the step of determining that the image is to span a boundary between the first monitor space and the second monitor space;

performing a bit block transfer operation on data representing the first portion of the image, in which the data representing the first portion of the image is moved from a first location to a second location in the frame buffer, such that the portion of the image is displayed in the first monitor space; and

passing data representing the second portion of the image through the display engine so the the display engine processes the data representing the second portion according to the color characteristics of the second monitor and such that the second portion of the image is displayed in the second monitor space.

2. A method as recited in claim **1**, further comprising the step of determining that the first monitor and the second monitor have different color characteristics.

3. A method as recited in claim **2**, wherein the step of determining that the first monitor and the second monitor have different color characteristics is conducted while booting the computer.

4. A method as recited in claim **2**, wherein the step of determining that the first monitor and the second monitor have different color characteristics comprises the step of setting an operating system variable to a value that indicates that the first monitor and the second monitor have different color characteristics.

5. A method as recited in claim **4**, further comprising, prior to the step of passing data representing the second portion of the image through the graphics engine, the step of examining the value of the operating system variable to determine that the step of passing data is to be conducted.

6. A method as recited in claim **1**, wherein the image comprises a display window.

7. A method as recited in claim **1**, wherein the step of determining that an image displayed entirely within a first monitor space is to be moved or resized is conducted in response to user input.

8. In a computer having multiple monitors, each being associated with a monitor space, the computer further having a display engine for processing data for display in the monitor spaces and a frame buffer for storing data representing a displayed image, a method of displaying an image in more than one of the monitor spaces, comprising the steps of:

determining that an image displayed entirely within a first monitor space is to be moved or resized so that a first portion of the image is to remain in the first monitor space and a second portion of the image is to be displayed in a second monitor space, wherein the step of determining comprises the step of determining that the image is to span a boundary between the first monitor space and the second monitor space;

determining whether a first monitor associated with the first monitor space and a second monitor associated with the second monitor space have different color characteristics;

performing a bit block transfer operation on data representing the first portion of the image, such that the first portion of the image is displayed in the first monitor space;

if the first monitor and the second monitor do not have different color characteristics, performing a bit block operation on data representing the second portion of the image, such that the first portion of the image is displayed in the second monitor space; and

if the first monitor and the second monitor have different color characteristics, passing the data representing the second portion of the image through the display engine so that the display engine processes the data representing the second portion according to the color characteristics of the second monitor and such that the second portion of the image is displayed in the second monitor space.

9. A method as recited in claim **8**, wherein the step of determining that the first monitor and the second monitor have different color characteristics comprises the step of examining the value of an operating system variable that has been previously set to indicate whether the first monitor and the second monitor have different color characteristics.

10. A method as recited in claim **8**, wherein the step of determining that an image displayed entirely within a first monitor space is to be moved or resized comprises the step of determining that the image is to span a boundary between the first monitor space and the second monitor space.

11. A method as recited in claim **8**, wherein the image comprises a display window, the step of determining that an image displayed entirely within a first monitor space is to be moved or resized is conducted in response to user input.

12. A computer-readable medium having encoded thereon program code for causing a computer to implement a method of displaying an image on more than one monitor, wherein the computer has multiple monitors, each being associated with a monitor space, the program code encoded on the computer-readable medium comprising:

program code for determining that an image displayed entirely within a first monitor space is to be moved or resized so that a first portion of the image is to remain in the first monitor space and a second portion of the image is to be displayed in a second monitor space, wherein the step of determining comprises the step of determining that the image is to span a boundary between the first monitor space and the second monitor space;

program code for performing a bit block transfer operation on data representing the first portion of the image, in which the data representing the first portion of the